Discrete Mathematics
Volume 211, Numbers 1–3, 28 January 2000

Contents

Contributions

G.S. Domke, J.H. Hattingh, M.A. Henning and L.R. Markus
Restrained domination in trees 1

J.E. Dunbar, D.G. Hoffman, R.C. Laskar and L.R. Markus
α-Domination 11

O. Ekin, S. Foldes, P.L. Hammer and L. Hellerstein
Equational characterizations of Boolean function classes 27

C. Grant and C.A. Rodger
An n to $2n$ embedding of incomplete idempotent latin squares for small values of n 53

K.M. Koh and E.G. Tay
On optimal orientations of cartesian products of graphs (II): complete graphs and even cycles 75

G. Kreweras and D. Dumont
Sur les anagrammes alternés 103

G. Leng, Y. Zhang and B. Ma
Largest parallelotopes contained in simplices 111

M.E. Mays and J. Wojciechowski
A determinant property of Catalan numbers 125

M. Mishima and M. Jimbo
Recursive constructions for cyclic quasiframes and cyclically resolvable cyclic Steiner 2-designs 135

N. Polat
On infinite bridged graphs and strongly dismantlable graphs 153

J. Shen
On the girth of digraphs 167

Communication

A. Dumitrescu and W. Steiger
On a matching problem in the plane 183

Notes

C. Berge and B. Reed
Optimal packings of edge-disjoint odd cycles 197

Discrete Mathematics
Volume 211, Numbers 1–3, 28 January 2000

Contents

Contributions

G.S. Domke, J.H. Hattingh, M.A. Henning and L.R. Markus
Restrained domination in trees 1

J.E. Dunbar, D.G. Hoffman, R.C. Laskar and L.R. Markus
α-Domination 11

O. Ekin, S. Foldes, P.L. Hammer and L. Hellerstein
Equational characterizations of Boolean function classes 27

C. Grant and C.A. Rodger
An n to $2n$ embedding of incomplete idempotent latin squares for small values of n 53

K.M. Koh and E.G. Tay
On optimal orientations of cartesian products of graphs (II): complete graphs and even cycles 75

G. Kreweras and D. Dumont
Sur les anagrammes alternés 103

G. Leng, Y. Zhang and B. Ma
Largest parallelotopes contained in simplices 111

M.E. Mays and J. Wojciechowski
A determinant property of Catalan numbers 125

M. Mishima and M. Jimbo
Recursive constructions for cyclic quasiframes and cyclically resolvable cyclic Steiner 2-designs 135

N. Polat
On infinite bridged graphs and strongly dismantlable graphs 153

J. Shen
On the girth of digraphs 167

Communication

A. Dumitrescu and W. Steiger
On a matching problem in the plane 183

Notes

C. Berge and B. Reed
Optimal packings of edge-disjoint odd cycles 197

J.M. Brunat and M. Maureso
Endo-circulant digraphs of degree two and Cayley digraphs on finite abelian groups 203

E.J. Cockayne, D. McCrea and C.M. Mynhardt
Nordhaus-Gaddum results for CO-irredundance in graphs 209

P. Dankelmann and L. Volkmann
Degree sequence conditions for maximally edge-connected graphs depending on the clique number 217

M.D. Hirschhorn
Some formulae for partitions into squares 225

Y. Hong and J.-L. Shu
A sharp upper bound for the spectral radius of the Nordhaus-Gaddum type 229

B. Jackson and G. Ringel
Variations on Ringel's earth-moon problem 233

J. Ježek, P. Marković, M. Maróti and R. McKenzie
Equations of tournaments are not finitely based 243

R. Johansson
Triangle-factors in a balanced blown-up triangle 249

H.A. Kierstead
On the choosability of complete multipartite graphs with part size three 255

A. Nilli
Triangle-free graphs with large chromatic numbers 261

Y. Rho
An extremal problem concerning graphs not containing K_r and $K_{r,t}$ 263

U. Schnell
FCC versus HCP via parametric density 269

J.J. Urroz
Congruences for the partition function in certain arithmetic progressions 275

K. Ushio
$\overline{S}_k$-factorization of symmetric complete tripartite digraphs 281

Y. Yang, J. Lin, C. Wang and K. Li
On Kotzig's conjecture concerning graphs with a unique regular pathconnectivity 287

Author index to volume 211 299